

Favorable examination of the claims is hereby requested.

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By


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Applicant

Clean Copy of All Pending Claims

41. A method of selecting a station among a plurality of stations, comprising the steps of:
receiving a plurality of stations, each station comprising a digitally encoded stream containing designations representative of a work of authorship over a global communication network, said global communication network having a plurality of stations;
decoding a selected station from among the plurality of stations;
comparing the decoded station with a user designated work of authorship to determine an indication that the user designated work of authorship is contained in the decoded station; and
alerting a user to a station that contains the user designated work of authorship.
42. The method of claim 41, wherein the step of comparing the decoded station with a user designated work of authorship further comprises the step of storing the designation representative of a work of authorship of the decoded station in a memory.
43. A method of selecting an audio or video digital broadcast among two or more audio or video digital broadcast stations, comprising the steps of:
receiving a digitally encoded stream of at least two broadcast stations over a global communication network, wherein at least one broadcast from the broadcast stations contains a station designation of a work of authorship as an indication of a work of authorship contained in a signal from the broadcast station;
decoding a broadcast station;
providing a user designation of a work of authorship;
storing the user designation of a work of authorship in a memory;
comparing the user designation of a work of authorship with the station designation of a work of authorship at 0.01 second to 3 minute intervals;
alerting a user of desired content if a user designation of a work of authorship matches a station designation of a work of authorship.
44. The method of claim 43, wherein the global communication network is a satellite audio radio network.
45. The method of claim 43, further comprising the steps of providing and recording desired

content.

46. The method of claim 45, wherein the desired content is recorded in a MPEG or .WAV format.

47. The method of claim 44, wherein the station designation of a work of authorship is provided to the user prior to a broadcast of the work of authorship.

48. The method of claim 44, wherein the work of authorship is selected from a group comprising songs, books, movies, movie shorts, educational works, sports events.

49. The method of claim 44, wherein the designation of a work of authorship is selected from the group comprising titles, segments of titles, key phrases and key words.

50. The method of claim 44, wherein the user has the ability to listen to the work of authorship.

51. The method of claim 44, wherein the step of selectively storing the user designation of a work of authorship in a memory comprises saving work of authorship, in real-time, as the work of authorship is received.

52. A device for receiving digital audio radio signals and selecting channels containing user desired content, comprising:

a receiver for receiving over a global communication network a digitally encoded stream of at least two broadcast stations, wherein at least one station broadcast contains a designation of a work of authorship as an indication of content of the station broadcast;

a decoder for selectively decoding a station broadcast;

a user interface for a user to selectively store a user designation of a work of authorship in a memory; and a general purpose computer programmed to compare the user designation of a work of authorship with a station designation of a work of authorship at 0.01 second to 3 minute intervals and to alert a user of desired content if a stored designation of a work of authorship matches the designation of a work of authorship in the at least one broadcast station.

53. The device of claim 52, further comprising a recording media for recording the user desired work of authorship in real time as it is provided over the global communication network.

54. The device of claim 52, wherein the global communication network is a satellite radio network.

55. The device of claim 54, farther comprising a recording media for recording the user desired work of authorship in real time as it is provided over the global communication network.

56. The device of claim 55, wherein the recording media includes a hard drive, and/or a floppy drive, and/or an optical drive.

57. The device of claim 56, wherein the user desired work of authorship is recorded in an MPEG or .WAV format.

58. The device of claim 54, wherein the work of authorship is selected from a group comprising songs, books, movies, movie shorts, educational works, and sports events.

59. The device of claim 54, wherein the designation of a work of authorship is selected from a group comprising titles, segments of titles, key phrases and keywords.

60. The device of claim 54, wherein the user interface comprises a device for a user to store a user designation of a work of authorship in a memory by saving the decoded station broadcast as the decoded station broadcast is received at the receiver.

61. A method of selecting a radio channel, comprising the steps of:
receiving one or more digital radio channels;
comparing information on one or more of the received digital radio channels with a user designated work of authorship to determine whether the user designated work of authorship is or will be playing on one or more of the digital radio channels; and
alerting a user to a radio channel that is or will be playing the user designated work of authorship.

62. The method of claim 61, further comprising the step of decoding a radio channel from among the one or more digital radio channels.

63. The method of claim 62, wherein the information compared with the user designated work of authorship is information from the decoded radio channel.

64. The method of claim 61, wherein the information on the one or more radio channels comprises data indicating the particular work of authorship that is or will be playing on one or more of the digital radio channels.
65. The method of claim 61, wherein the digital radio comprises digital satellite radio.
66. A method of customizing the selection of channels among a plurality channels, comprising the steps of:
receiving a digitally encoded bit stream over-the-air on the plurality of channels, wherein the digitally encoded bit stream contains descriptors representative of the content on at least a portion of the plurality of channels;
decoding a selected channel among the plurality of channels;
selectively tagging a desired type of content associated with descriptors on the selected channel;
analyzing a broadcast information channel or an Electronic Program Guide for an indication of content of the desired type among the plurality of channels; and
alerting a user of a desired channel containing the indication.
67. The method of claim 66, wherein the step of tagging further comprises the step of storing descriptors representative of the content on the selected channel in a memory.
68. The method of claim 67, wherein the step of analyzing further comprises the step of comparing descriptors of content for at least a portion of the plurality of channels in the broadcast information channel with the descriptor stored in memory.
69. The method of claim 66, wherein the step of alerting further comprises the step of audibly alerting a user as a prompt to enter an input to selectively obtain the desired channel in real time.
70. The method of claim 66, wherein the digitally encoded bit stream is a satellite digital audio radio signal containing the plurality of channels received on a single tuner.
71. The method of claim 66, wherein the method further comprises the step of selecting the desired channel by a single user input.
72. The method of claim 66, wherein the step of alerting comprises the step of automatically selecting the desired channel without any user input.
73. The method of claim 71, wherein the single user input is a single button press.
74. A receiver, comprising: a mobile general purpose computer adapted to receive one or more broadcast channels, the general purpose computer also receiving data indicating what is being played on each channel; wherein the general purpose computer includes a memory, the

memory includes a playlist of user designated works of authorship and the general purpose computer is adapted to change channels to a specific broadcast channel if the data indicating what is being played on any channel matches a user designated work in the playlist.

75. A method of selecting a radio channel, comprising the steps of:

using a receiver to receive one or more digital radio channels and data wherein the data indicates what work of authorship is being played on the one or more digital radio channels;

inputting a designation of a desired work of authorship into a memory of a general purpose computer, wherein the general purpose computer monitors the data received by the receiver;

using the general purpose computer to monitor the data;

receiving an alert when the data matches the input designation of the desired work of authorship indicating that the desired work of authorship is being played on one or more of the digital radio channels.